

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/840,023

REMARKS

Claims 1-8 are all the claims pending in the application.

Claims 1-8 are rejected under 35 U.S.C. § 103(a) as being unpatentable over previously-cited Morrison et al. (US 6,591,292, hereafter “Morrison”) in view of newly-cited Mendenhall et al. (US 6,570,626, hereafter “Mendenhall”).

Mendenhall relates to on-screen display images generated by video display systems and an improved data format for on-screen displays to reduce bandwidth in a video system.

In the Office Action, the Examiner concedes that Morrison fails to disclose transmitting ID and display location information without transmitting the OSD data itself. The Examiner contends that Mendenhall makes up for this deficiency of Morrison. Specifically, the Examiner asserts that Mendenhall teaches an on-screen display format that reduces memory bandwidth for on-screen display systems, wherein some of the OSD images are represented by data sets that do not include a color palette, and by not including a color palette in an OSD data set, the corresponding OSD image can be represented with a smaller data set and can be transferred across a bus with a smaller bandwidth. See Office Action, page 4. However, although Mendenhall discloses not transmitting the color palette, Medenhall’s system does transmit the pixel data portion of each of the OSD data sets. See FIG. 12 of Mendenhall. “The pixel data includes a value associated with each OSD pixel that specifies which color from the color palette is to be applied by the audio and video decoder to that pixel.” Col. 2, lines 27-32. In other words, the pixel data is part of the OSD display data. Thus, even though some of Mendenhall’s data sets are transmitted without the color palette, all of the data sets include OSD display data, i.e., the pixel data. By contrast, claim 2 of the present invention recites transmitting an OSD

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/840,023

object ID and display location information, without transmitting the OSD display data.

Therefore, claim 2 and its dependent claims 3-8 are allowable over the prior art.

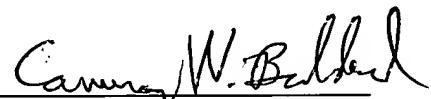
Applicant submits that claim 1 is allowable over the prior art for reasons analogous to those for claim 2.

Additionally, claims 1 and 2 are amended to change "without transmitting the OSD display data" to "without transmitting any of the OSD display data."

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


Cameron W. Beddard
Cameron W. Beddard
Registration No. 46,545

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: November 12, 2004